

Notice of Allowability

Application No.

10/053,110

Examiner

Gary C. Vieaux

Applicant(s)

KRYMSKI, ALEXANDER I.

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After Final Amendment of December 7, 2005.
2. ☒ The allowed claim(s) is/are 1-10, 14, 16, and 18-22 (now formally renumbered as claims 1-18).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>20051207</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

REASONS FOR ALLOWANCE

Amendment

The After-Final Amendment filed December 7, 2005 has been received and will
5 be made of record. In response to the Final Office Action dated July 7, 2005, claims 8,
14, 16, and 19-20 have been amended. Claims 11-13, 15, 17, and 23 have been
cancelled. Claims 1-7 were previously indicated allowable.

Response to Amendment

10 In response to Applicant's amended claims 8 and 19, the Examiner finds the
amendments directly address the previous informalities regarding the spelling of
"photodetector", and therefore, these objections to the claims are hereby withdrawn.

In response to Applicant's amended claim 20, the Examiner finds the amendment
to correct the previously unsupported limitation, and therefore the 35 U.S.C. 112
15 rejection to claims 20 and 21 are hereby withdrawn.

Response to Arguments

Applicant's arguments, see After-Final Amendment filed December 7, 2005, with
respect to claims 1-10, 14, 16, and 18-22 have been fully considered and are
20 persuasive. The rejections of claims 8-10, 14, 16, and 18-22 has been withdrawn.

Allowable Subject Matter

Claims 1-10, 14, 16, and 18-22 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claims 1-7, the prior art is not found to teach or fairly suggest, in

5 combination with the existing elements of the present claim as currently amended, combination of the short image signal and the long image signal in an analog memory in the sensor to create a total image signal.

Regarding claims 8-10, 14, 16, and 18-22, the prior art is not found to teach or fairly suggest, in combination with the existing elements of the present claim as

10 currently amended, an analog memory within a pixel which combines a first image signal and a second image signal to create a total image signal.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on

15 Statement of Reasons for Allowance."

Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gary C. Vieaux whose telephone number is 571-272-

20 7318. The examiner can normally be reached on Monday - Friday, 8:00am - 4:00pm.

Art Unit: 2612

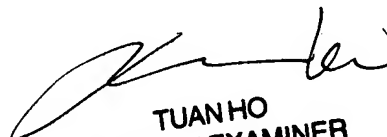
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, NgocYen T. Vu can be reached on 571-272-7320. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

- 5 Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic
- 10 Business Center (EBC) at 866-217-9197 (toll-free).

Gary C. Vieaux
Examiner
Art Unit 2612

Gcv2


TUAN HO
PRIMARY EXAMINER